## What is claimed:

CHPRI	1. A fill up and circulation apparatus for tubulars having a female thread and
2	at least one internal annular surface adjacent said thread comprising:
3	a mandrel having a passage therethrough;
4	a seal telescopically mounted to said mandrel, said seal engaging the
5	interior annular surface adjacent the female thread on the tubular
1	2. The apparatus of claim 1, wherein said mandrel further comprises:
2	a shutoff valve in said passage of said mandrel; and
1 <u>.</u>	a thread adjacent the lower end of said mandrel, said thread on said
4.T.	mandrel selectively engagable with the female thread on the tubular to allow well control
2 'B' B'	with said shutoff valve.
1=	The apparatus of claim 1, further comprising:
	a telescoping sleeve, said seal mounted adjacent a lower end thereof, said
3	sleeve configured in such a manner as to add a sealing force on said seal if internal
4	pressure in said/mandrel passage is increased.
1	4. The apparatus of claim 1, further comprising:
2	a mud saver valve in said passage of said mandrel;

1 50	BI) -	said passage in said mandrel comprises a lower and an upper end, said mud
2	saver valve p	resents less resistance to flow from said lower to said upper end than in the
3	opposite dire	ection.
1	5.	The apparatus of claim 4, wherein:
2		said mud saver valve comprises a flapper which pivots away from flow
3	going from s	said lower to said upper end.
1	6.	The apparatus of claim 5, wherein:
23		said flapper comprises a port therethrough to permit flow from said upper
3.	to said lowe	r end when disposed in said passage.
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	77.	The apparatus of claim 6, wherein said mud saver valve further comprises:
		a biased shifting sleeve; said flapper engaging said shifting when flow is
31111	from said u	apper to said lower end through said port to overcome said bias on said
13 43	sleeve.	
1	8.	The apparatus of claim 7, wherein said mud saver valve further comprises:
2		a seat in said shifting sleeve;
3		a ball retained movably in said shifting sleeve;

at least one port in said shifting sleeve;

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applied pressure to said piston at a single location causes said piston to move in a second direction opposite said first direction.

- The apparatus of claim 2, wherein: 13. 1
- said seal is removably mounted to a telescoping sleeve such that retraction 2 of said sleeve exposes said thread on said mandrel for makeup to the female tread on 3 the tubular.
- The apparatus of claim 13, wherein: 14. 1 said telescoping sleeve is completely removable from said mandrel.
  - The apparatus of claim 1/3, wherein: 15. said telescoping sleeve/can be adjusted to a plurality of initial positions on said mandrel prior to extension thereof.
  - The apparatus of claim 4, comprising: 16. a telescoping sleeve, said seal mounted adjacent a lower end thereof, said sleeve configured in such a manner as to add a sealing force on said seal if internal
- The apparatus of claim 16, comprising: 17. 1

pressure in said mandrel passage is increased.

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1	SUBBIT
2	allow drain

a drain-valve-in fluid-communication with said passage in said mandrel to

allow drainage fluid from said passage before said seal is disconnected from the tubular.

18. The apparatus of claim 17, wherein:

said telescoping sleeve comprises a piston acted upon by a spring or fluid pressure to bias said piston in a first direction, whereupon application or removal of applied pressure to said piston at a single location causes said piston to move in a second direction opposite said first direction.

19. The apparatus of claim 18, wherein:

said seal is removably mounted to a telescoping sleeve such that retraction of said sleeve exposes said thread on said mandrel for makeup to the female tread on the tubular.

20. The apparatus of claim 19, wherein:

said telescoping sleeve can be adjusted to a plurality of initial positions on

said mandrel prior to extension thereof.

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